

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/027,205ADATE: 07/23/1999  
TIME: 18:56:15

INPUT SET: S32598.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Carl H. June et al.  
6  
7 (ii) TITLE OF INVENTION: Methods for Modulating Expression of an  
8 HIV-1 Fusion Cofactor  
9  
10 (iii) NUMBER OF SEQUENCES: 7  
11  
12 (iv) CORRESPONDENCE ADDRESS:  
13 (A) ADDRESSEE: LAHIVE & COCKFIELD, LLP  
14 (B) STREET: 28 State Street  
15 (C) CITY: Boston  
16 (D) STATE: Massachusetts  
17 (E) COUNTRY: USA  
18 (F) ZIP: 02109  
19  
20 (v) COMPUTER READABLE FORM:  
21 (A) MEDIUM TYPE: Floppy disk  
22 (B) COMPUTER: IBM PC compatible  
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25  
25  
26 (vi) CURRENT APPLICATION DATA:  
27 (A) APPLICATION NUMBER:  
28 (B) FILING DATE:  
29 (C) CLASSIFICATION:  
30  
31 (vii) PRIOR APPLICATION DATA:  
32 (A) APPLICATION NUMBER: US 60/037,422  
33 (B) FILING DATE: 21-FEB-1997  
34  
35 (viii) ATTORNEY/AGENT INFORMATION:  
36 (A) NAME: Amy E. Mandragouras  
37 (B) REGISTRATION NUMBER: 36,207  
38 (C) REFERENCE/DOCKET NUMBER: GIN-005  
39  
40 (ix) TELECOMMUNICATION INFORMATION:  
41 (A) TELEPHONE: (617)227-7400  
42 (B) TELEFAX: (617)742-4214  
43  
44  
45 (2) INFORMATION FOR SEQ ID NO:1:  
46

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47 (i) SEQUENCE CHARACTERISTICS:  
48 (A) LENGTH: 45 amino acids  
49 (B) TYPE: amino acid  
50 (D) TOPOLOGY: linear  
51  
52 (ii) MOLECULE TYPE: peptide  
53  
54 (v) FRAGMENT TYPE: internal  
55  
56  
57 (ix) FEATURE:  
58 (A) NAME/KEY: Peptide  
59 (B) LOCATION: 1 - 20  
60 (D) OTHER INFORMATION: /note= "any 20 Xaas at location  
61 1 - 20 may be absent and intended to equal a range of  
62 0 - 20 amino acids"  
63  
64 (ix) FEATURE:  
65 (A) NAME/KEY: Peptide  
66 (B) LOCATION: 26 - 45  
67 (D) OTHER INFORMATION: /note= "any 20 Xaas at location  
68 26 - 45 may be absent and intended to equal a range  
69 of 0 - 20 amino acids"  
70  
71  
72 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
73  
74 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
75 1 5 10 15  
76 Xaa Xaa Xaa Xaa Pro Pro Tyr Tyr Leu Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
77 20 25 30  
78 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
79 35 40 45  
80  
81 (2) INFORMATION FOR SEQ ID NO:2:  
82  
83 (i) SEQUENCE CHARACTERISTICS:  
84 (A) LENGTH: 39 base pairs  
85 (B) TYPE: nucleic acid  
86 (C) STRANDEDNESS: single  
87 (D) TOPOLOGY: linear  
88  
89 (ii) MOLECULE TYPE: cDNA  
90  
91  
92  
93 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
94  
95 CATGAAGCTT CTCGAGCCGC CACCATGGCT TGCCTTGA 39  
96  
97 (2) INFORMATION FOR SEQ ID NO:3:  
98  
99 (i) SEQUENCE CHARACTERISTICS:

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100 (A) LENGTH: 40 base pairs  
101 (B) TYPE: nucleic acid  
102 (C) STRANDEDNESS: single  
103 (D) TOPOLOGY: linear  
104  
105 (ii) MOLECULE TYPE: cDNA  
106  
107  
108  
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:  
110  
111 GAGAATTCTA GACTAGCTTA AGTCAGAATC TGGGCACGGT  
112  
113 (2) INFORMATION FOR SEQ ID NO:4:  
114  
115 (i) SEQUENCE CHARACTERISTICS:  
116 (A) LENGTH: 21 base pairs  
117 (B) TYPE: nucleic acid  
118 (C) STRANDEDNESS: single  
119 (D) TOPOLOGY: linear  
120  
121 (ii) MOLECULE TYPE: cDNA  
122  
123  
124  
125 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
126  
127 GGCTAACTAG GGAACCCACT G  
128  
129 (2) INFORMATION FOR SEQ ID NO:5:  
130  
131 (i) SEQUENCE CHARACTERISTICS:  
132 (A) LENGTH: 24 base pairs  
133 (B) TYPE: nucleic acid  
134 (C) STRANDEDNESS: single  
135 (D) TOPOLOGY: linear  
136  
137 (ii) MOLECULE TYPE: cDNA  
138  
139  
140  
141 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
142  
143 CTGCTAGAGA TTTTCCACAC TGAC  
144  
145 (2) INFORMATION FOR SEQ ID NO:6:  
146  
147 (i) SEQUENCE CHARACTERISTICS:  
148 (A) LENGTH: 30 base pairs  
149 (B) TYPE: nucleic acid  
150 (C) STRANDEDNESS: single  
151 (D) TOPOLOGY: linear  
152

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153 (ii) MOLECULE TYPE: cDNA  
154  
155  
156157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
158159 CCGTCTGTTG TGTGACTCTG GTAAC TAGAG  
160

30

161 (2) INFORMATION FOR SEQ ID NO:7:  
162163 (i) SEQUENCE CHARACTERISTICS:  
164 (A) LENGTH: 30 base pairs  
165 (B) TYPE: nucleic acid  
166 (C) STRANDEDNESS: single  
167 (D) TOPOLOGY: linear  
168169 (ii) MOLECULE TYPE: cDNA  
170  
171  
172173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
174175 CTTGATAATC CATCTTGTTT CACCCTGTGC  
176  
177  
178

30



**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/027,205A**

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Original Text